

CLASS OF 1900, WASHINGTON

1. Grimm. Henry England—Civil Engineer—
3-318 Eads avenue.

2. Lewis, John James—Arts—Webster
Groves, Mo.

3. Horwitz Alexander Earle—Arts—1222
Carr street.

3. Welling Engineer—
4. Toensfeldt, Hans Carl—Civil Engineer—
3-328 Ends avenue.
3-328 Ends avenue.
3-328 Ends avenue.
3-329 South Ninth street.
3-329 Morgan street.

DANGER IN ADULTERATED MILK.

Chemists and Physicians Discuss the Use of Formalin as a Preservative.

Chicago is engaged just now in a war on "fixed" milk. The Board of Health and the City Chemist are working together to secure the conviction of dealers who are "fixing" it, and are issuing warnings to the public to look out for and avoid the milk-man who offers to guarantee that his milk will "keep fresh without the use of loa."

The City Chemist has secured a number of samples of milk, which contain formalin and other irritant poisons, and has feet them to guinea-pigs and cats, with fatal results. He argues that if the milk will kill these

He argues that if the milk will kill these animals it is certainly unit for human food, and will make a number of demonstrations before the next Grand Jury. The cases will be prosecuted with the utmost vigor. I would advise every housekeeper to look in the hope of putting a stop to the practice, which, it is believed, has already cost that it is kept free from contamination after it is delivered to her." the lives of many children and not a few

in milk has been indulged in to a limited degree, and with secrecy, for several years, it was never so common as at present, and the kinds of drugs heretofore used have not been so deadly. In former times the dealer only tried to stave off the chemical netton by which milk becomes sour for six or twelve hours. Now there are many dealers who advertise that their milk will keep fresh from three to five days. The chemicals necessary to keep it sweet for this length of time are powerful in action and all of them poisonous to a greater or less degree.

Locally, there has not been much evidence of milk adulteration for some months past, and Milk Inspector Helwig says that the city's supply was never more bountiful or of better quality than at present.

"I had some trouble with adulterants last year," he said, "and had to presecute one

tims to come.
"I am convinced that little, if any, doctored milk is being sold in the city at present. But, as I said before, we may look for trouble of this kind later in the year, and

grown persons.

While the practice of using preservatives and specialist in the adulteration of milk, in milk has been indulged in to a limited was asked to explain, for the benefit of Re-

"I had some trouble with adulterants last year," he said, "and had to prescute one or two concerns. I expect more trouble later on in the scanon, when the pastures get poor, and there is a falling off in the supply. It is only when the supply is short that the dealers go to the trouble and expense of fixing milk. In ordinary times it comes to them fresh, is handled promptly, and everything goes well.

"When the supply gets low, some of them

REE ST. LOUIS SINGERS



while by keeping them on a dist of with which has been 'preserved' by formalin.

'There is no excuse for the use of any of these preparations, and no honest dairyman will resort to them. Milk brought in man will resort to them. Milk brought in by train on the day it is taken from the cow, and properly handled, will keep fresh without adulteration for twenty-four hours. It must, of course, be stored in absolutely clean vessels, and kept on ice; and if this is done it will be found perfectly wholesome and sweet at the end of the second Doctor Otto Sutter was asked to tell the day."

effect of formalin on milk, and the way the adulterated fluid would affect the human system. He said:

system. He said:

"Formalin is one of the most powerful and diffusive antiseptics known. It is really a 40 per cent solution of formaldeleged, which is one of the greatest of irritants. A few drops of it in a ten or twenty gallest can of milk would be distributed to every atom of the milk in the shortest possible space of time, and would have the effect of destroying those germs which are the cause of fermentation. By destroying those germs, or removing them powerless for the time, the milk is kept from souring much longer than would naturally be the case.

The person who drinks milk thus trest-ed would soon have the lining of his stom-ach so irritated that almost any kind of complication of the digestive apparatus

complication of the digestive apparatus might ensue.

"Milk that has been tampered with many way is bad, because it is particularly susceptible to contamination, and is a natural culture medium for many kinds of germs. Anything that will destroy the germs will destroy the tissues of the stomach, and of the various preservatives I can think of none worse than formalin."

THE SEEDS CAME UP.

From Collier's Weekly.

He carefully prepared the small garden plot, while his wife, deeply interested in his labor, stood watching him. After he had put in the seeds and smoothed over the bed, his wife took his arm to accompany him to the house, and on the way she asked:

"When will the seeds come up, John?"

Laying his hand caressingly on her shoulder, the smart man said:

"I don't expect them to come up at all, my dear." From Collier's Weekly.

my dear."
"You don't!" she exclaimed "Then why have you gone to all that trouble?"
With a simle that springs from superior knowledge, he answered: "The seeds won't come up, but the plants and flowers will, by and by."

Yet he was wrong; for his neighbor's hene got into his garden, and the seeds did come